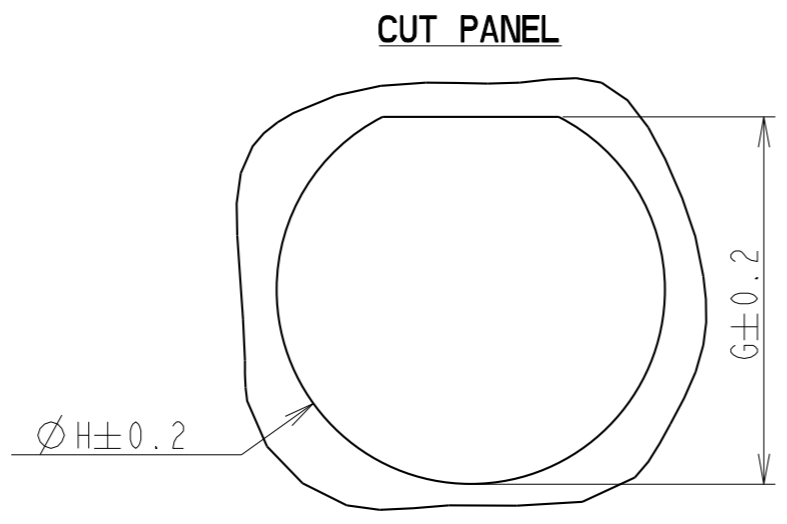


MATERIAL :
Shell: Aluminium alloy
Insert: Polyamid UL94 V-0
Seal gasket : Sealing IP68/69K : Silicone
O'ring: nitril
Nut: Aluminium alloy
Backshell body : Polyamid UL94 V-0
Backshell nut: Polyamid UL94 V-0
O'seal : Nitril

PERFORMANCE CHARACTERISTICS :
Operating temperature: -40°C up to 105°C
Insulation resistance: 5000 MΩmin
Test potential: 2000 Vrms for #16 layout and 1500Vrms for #20 layout
Corrosion salt spray: 500 hours
Durability: 250 matings and unmatings
Sealing in mated conditions:
- IP68 1 bar during 1 week : immersion under 10 m of water. (IEC 60529)
- IP69K : exposure to high pressure water of cleaning equipment (DIN 40050)

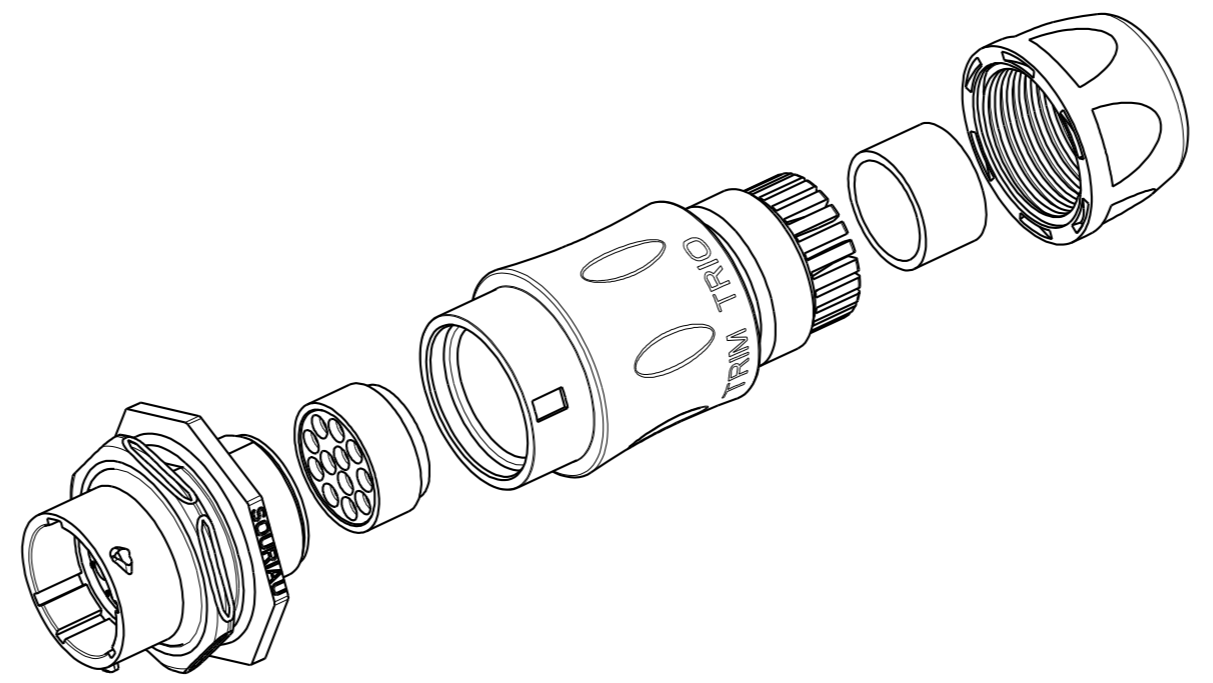
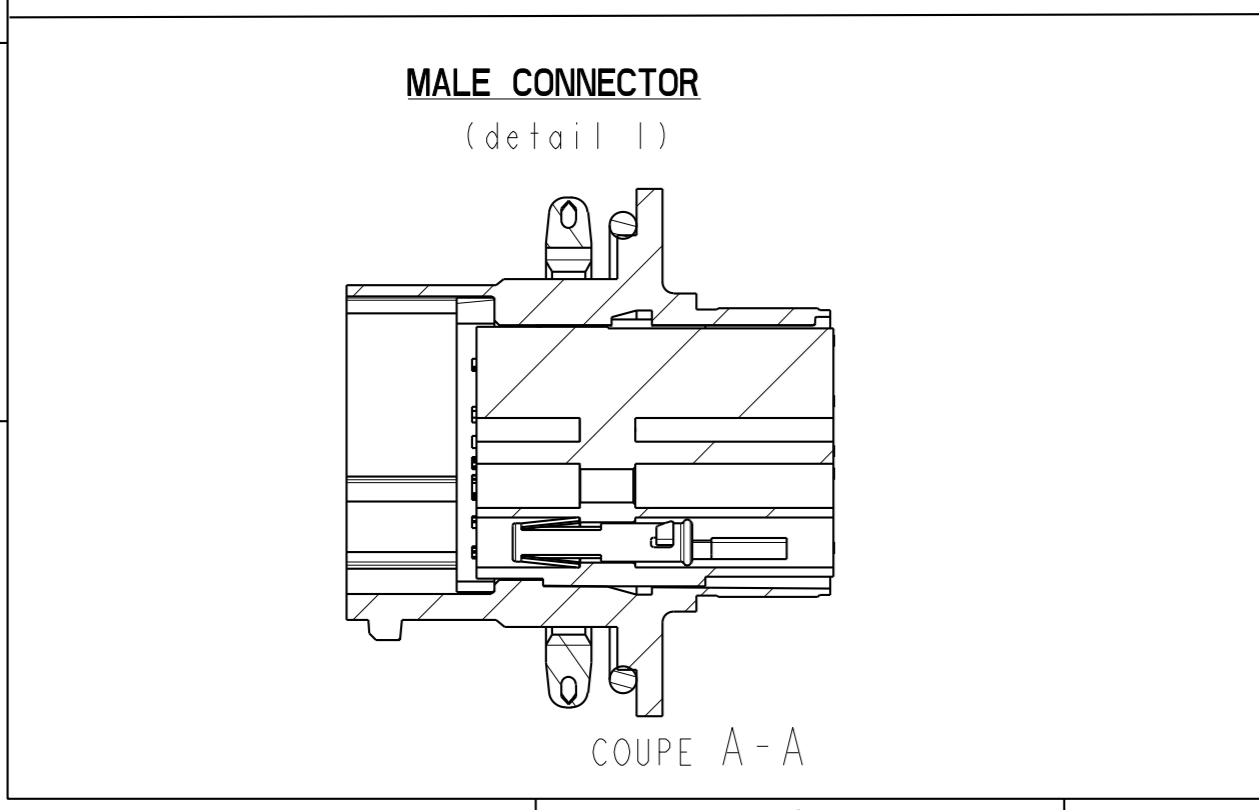
NOTES :
- 1- Receptacle, backshell and the reducing seal are delivered as a kit. The backshell already includes the standard seal.
- 2- Contact to be ordered separately : refer to TRIM TRIO catalog
- 3- Colored ring to be ordered separately refer to customer drawing C006-UTSI-A
- 4- developed Grommet arrangements : refer to C042-UTSI-A



UT07 GJC 14 12 P XX

RECEPTACLE UTS7
GROMMET
BACKSHELL TYPE
Shell size
Insert / grommet arrangement (See nota 4)
P = Male contact (See detail 1)

SHELL SIZE	LAYOUT	THREAD I	ØA±0.15	B±0.2	C MINI.	D MAX.	E±0.25	F±0.3	G±0.20	ØH±0.2	CAPACITY C		E MAX
											STANDARD SEAL	REDUCING SEAL	
14	SEE NOTE 4	1"20 UNEF CLASS 2A	22.20	19.30	80.5	3.20	34.90	30.20	24.30	25.70	7 / 14	5 / 12	37.6
12	SEE NOTE 4	7/8 20 UNEF CLASS 2A	19.00	19.30	74.50	3.20	31.80	27.00	21.20	22.50	5 / 12	3 / 9	33.5
10	SEE NOTE 4	11/16 24 UNEF CLASS 2A	14.90	19.30	70.75	3.20	27.00	22.20	16.50	17.70	2.5 / 8	1.5 / 5	30



CUSTOMER DRAWING

α		07/02/08		-- New drawing		--	
ISS		DATE		Latest modification - by: RAGAINÉ M.		MOD N°	
Designed by:		RAGAINÉ M.		Date: 31/05/07		CUSTOMER DRAWING	
TITLE		JAM NUT RECEPTACLE+GROMMET BACKSHELL UTS CONNECTOR					
Scale 2/1				General linear Tolerances: ±0.2		NPRDS / PROJECT UTSI	
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